

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

**Inventor(s):** S. Brandon Keller, et al.

**Confirmation No.:** 2408

**Application No.:** 10/647,594

**Examiner:**

Naum B. Levin

**Filing Date:** Aug. 25, 2003

**Group Art Unit:** 2825

**Title:** SYSTEMS AND METHODS FOR DETERMINING ACTIVITY FACTORS OF A CIRCUIT DESIGN

**Mail Stop Amendment**  
**Commissioner for Patents**  
**PO Box 1450**  
**Alexandria, VA 22313-1450**

INFORMATION DISCLOSURE STATEMENT

**Sir:**

This Information Disclosure Statement is submitted:

- ( ) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ( ) under 37 CFR 1.97(c) together with either a:
  - ( ) Statement under 37 CFR 1.97(e), or
  - ( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- (X) under 37 CFR 1.97 (d) together with a:
  - (X) Statement under 37 CFR 1.97(e)(1) or (2), and
  - (X) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV413219590US**

Date of Deposit **Dec. 1, 2005**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

*Melissa Smith*

Typed Name: **Melissa Smith**

Respectfully submitted,

**S. Brandon Keller, et al.**

By

*Curtis A. Vock*

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Attorney/Agent for Applicant(s)

Reg. No. **38,356**

Date: **Dec. 1, 2005**

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STATEMENT UNDER 37 CFR 1.97(e)

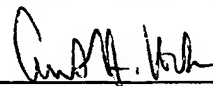
Sir:

The undersigned hereby certifies that either:

- ( ) Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- (X) No item of information contained in the Information Disclosure Statement
  - was cited in a communication from a foreign patent office in a counterpart foreign application, and
  - to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

S. Brandon Keller, et al.

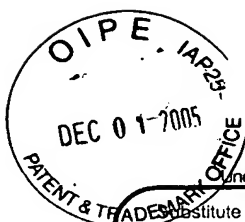
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Curtis A. Vock

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Institute for form 1449A/PTO

**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/647,594
Filing Date	August 25, 2003
First Named Inventor	S. Brandon Keller
Art Unit	2825
Examiner Name	Naum B. Levin
Attorney Docket Number	100111230-1

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,831,869	11-03-1998	Ellis, et al.	
		US-6,028,991	02-22-2000	Akashi	
		US-6,230,299	05-08-2001	McSherry, et al.	
		US-6,308,304	10-23-2001	Devgan, et al.	
		US-2002/002701	01-03-2002	Usami, et al.	
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		US-6,363,516	03-26-2002	Cano, et al.	
		US-6,480,987	11-12-2002	McBride	
		US-6,523,149	02-18-2003	Mehrotra, et al.	
		US-2003/0051222	03-13-2003	Williams, et al.	
		US-6,587,999	07-01-2003	Chen, et al.	
		US-2003/0237067	12-25-2003	Mielke, et al.	
		US-2004/0044972	03-04-2004	Rohrbaugh, et al.	
		US-2004/0078767	04-22-2004	Burks, et al.	
		US-6,772,404	08-03-2004	Tanaka	
		US-2004/0199880	10-07-2004	Kresh, et al.	
		US-6,807,520	10-19-2004	Zhou, et al.	
		US-6,931,613	08-16-2005	Kauth, et al.	
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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